

IN THE CLAIMS:

1. (Currently Amended) A broadcast retransmitter for use with a wireless local area network (WLAN), comprising:

a gateway configured to format a bitstream received from a broadcast receiver, and said bitstream including an aggregate signal resulting from a combination of a plurality of redundant signals, at least one signal of said plurality of signals received from a satellite, for:

delivery to a wireless access point (WAP) of said WLAN; and

subsequent conversion by said WAP into a wireless transmission over said WLAN to make said bitstream available for reception by a client of said WLAN.

2. (Canceled)

3. (Previously Presented) The retransmitter as recited in Claim 1 wherein said broadcast receiver comprises a terrestrial receiver.

4. (Original) The retransmitter as recited in Claim 1 wherein said gateway formats said bitstream according to a format selected from the group consisting of:

Ethernet,

IEEE 1394,

USB, and

PCI.

5. (Original) The retransmitter as recited in Claim 1 wherein said WLAN conforms to an IEEE 802.11 standard.

6. (Original) The retransmitter as recited in Claim 1 wherein said bitstream includes a plurality of channels and a channel is subsequently selected therefrom.

7. (Original) The retransmitter as recited in Claim 1 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

8. (Currently Amended) A method of retransmitting a broadcast over a wireless local area network (WLAN), comprising:

formatting a bitstream received from a broadcast receiver and containing said broadcast, and including an aggregate signal resulting from a combination of a plurality of redundant signals, at least one signal of said plurality of signals received from a satellite;

delivering said bitstream to a wireless access point of said WLAN; and

converting said bitstream into a wireless transmission over said WLAN to make said bitstream available for reception by a client of said WLAN.

9. (Canceled)

10. (Previously Presented) The method as recited in Claim 8 wherein said broadcast

receiver comprises a terrestrial receiver.

11. (Original) The method as recited in Claim 8 wherein said gateway formats said bitstream according to a format selected from the group consisting of:

Ethernet,
IEEE 1394,
USB, and
PCI.

12. (Original) The method as recited in Claim 8 wherein said WLAN conforms to an IEEE 802.11 standard.

13. (Original) The method as recited in Claim 8 wherein said bitstream includes a plurality of channels and a channel is subsequently selected therefrom.

14. (Original) The method as recited in Claim 8 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

15. (Currently Amended) A broadcast retransmission system, comprising:
a broadcast receiver that receives a broadcast and generates a bitstream containing said broadcast;

a gateway, coupled to said broadcast receiver, that generates a formatted bitstream for

retransmission; that includes an aggregate signal resulting from a combination of a plurality of redundant signals, at least one signal of said plurality of signals received from a satellite;

a wireless access point, coupled to said gateway, that receives and converts said formatted bitstream into a wireless transmission over a wireless local area network (WLAN) to make said bitstream available for reception by a client of said WLAN.

16. (Canceled)

17. (Previously Presented) The system as recited in Claim 15 wherein said broadcast receiver comprises a terrestrial receiver.

18. (Previously Presented) The system as recited in Claim 15 wherein said gateway formats said bitstream according to a format selected from the group consisting of:

Ethernet,
IEEE 1394,
USB, and
PCI.

19. (Previously Presented) The system as recited in Claim 15 wherein said WLAN conforms to an IEEE 802.11 standard.

20. (Previously Presented) The system as recited in Claim 15 wherein said bitstream

includes a plurality of channels and a channel is subsequently selected therefrom.

21. (Previously Presented) The system as recited in Claim 15 further comprising a channel selector interposing said broadcast receiver and said gateway, said bitstream including a selected channel.

22. (Previously Presented) The broadcast retransmitter of Claim 1, wherein said aggregate signal is generated by a maximal ratio combiner.

23. (New) The system of Claim 15, wherein said premises client includes a consumer premises.